PTO/SB/08A (07-05)

DEC O & JULY Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
perwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Under the

TRAPELES.	Substitute for form 1449/PTO
INF	ORMATION DISCLOSURE

of

11

Sheet

STATEMENT BY APPLICANT (Use as many sheets as necessary)

15

Complete if Known					
Application Number	10/537,857				
Filing Date	03-Apr-2005				
First Named Inventor	SHAPPIR, Assaf				
Group Art Unit	•				
Examiner Name					
Attorney Docket Number	P-6715-US				

	U.S. PATENT DOCUMENTS							
		Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where			
Examiner Initials*	Cite No. 1	Number-Kind Code ² (if known)	MM-DD-7777	of Cited Document	Relevant Passages or Relevant Figures Appear			
ON	IY	US 2003/0214844	01-11-2003	lijima				
ON	IZ	US 2003/0208663	01-11-2003	Van Buskirk et al. 1//06				
DIN	JA	US 2003/0206435	01-11-2003	Takahashi 11/06				
870	JB	US 2003/0202411	Oct. 30, 2003	Yamada				
TON	JC	US 2003/0117841	01-06- 2003	Yamashita 06/26				
97	JD	US 2003/0021155	01-01-2003	Yachareni et al.				
DN	JE	US-6690602	04-02-2004	Le et al. 02//0				
Dil	JF	US-6157242	Dec. 5, 2000	Fukui				
DN	JG	US-6154081	Nov. 28, 2000	Pakkala, et al.				
- BN	JH	US-6627555	Sept. 1, 2003	Eiten et al.				
50	JI	US-5708608	Jan. 13, 1998	Park, et al.				
ОN	JJ	US-4961010	Oct. 2, 1990	Davis				
DN	JK	US-5760634	June 2, 1998	Fu				
DY	JL	US-6351415	Feb. 26, 2002	Kushnarenko				
10r	JM	US-6510082	Jan. 21, 2003	Le et al.				
DN	JN	US-6477085	Nov. 5, 2002	Kuo				
DN	10	US-6496414	Dec. 17, 2002	Kasa et al.				
(VO	JP	US-2002/0145465	Oct. 10, 2002	Shor, et al.				
pn	//	US-6522585	Feb. 18, 2003	Pasternak				
DN	JR	US-6222762	April 24, 2001	Guterman , et al.				

	FOREIGN PATENT DOCUMENTS							
		Foreign Patent Document	Publication	Name of Patentee or Applicant	Pages, Columns, Lines,	T		
Examiner Initials*	Cite, No. 1	Country Code "Number" Kind Code ⁸ (if known)	Date MM-DD-YYYY	Of Cited Document	Where Relevant Passages or Relevant Figures Appear	70		
			<u> </u>					
				<u> </u>				

Examiner Signature)/_~~	repl	Date	9 113	1 06
Signature	· /	$V \subseteq X^{-1}$	<i>X</i>	Considered	11101	

EXAMINER: tritial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with nost communication to applicant. Applicant's unique citation designation number (options). *See attached Kinds Codes of U.S. Petant Documents at https://www.nation.org/ on MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent document, the indication of the year of the reign of the Emperor must precode the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document wider WIPO Standard ST. 15 if possible. *Applicant is to place a check mark nore if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.1.4. This collection is estimated to take 2 hours to complete including gathering, propering, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

106 19

PTO/SB/08A (07-05)
Approved for use through 07/31/2008. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known Substitute for form 1449/PTO 10/537.857 **Application Number INFORMATION DISCLOSURE** Filing Date 03-Apr-2005 STATEMENT BY APPLICANT SHAPPIR, Assaf First Named inventor (Use as many sheets as necessary) **Group Art Unit Examiner Name** Sheet 10 of 15 P-6715-US **Attorney Docket Number**

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. '	Occument Number Number-Kind Code ² (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
DN	ΙE	US- 6512701	Jan.1, 2003	Hamilton, et al.			
DW	lF	US- 6445030	Sept.1, 2002	Wu et al.			
DN	IG	US- 6442074	Aug. 1, 2002	Hamilton, et al.			
DN	IH	US- 6438031	Aug. 1, 2002	Fastow			
DN	- 11	US- 6650568	Nov. 1, 2003	lijima			
ON	IJ	US- 6643178	Nov. 1, 2003	Kurthara			
DN	IK	US- 6643177	Nov. 1, 2003	Le et al.	_		
ÞΝ	IL.	US- 6639849	Oct. 1, 2003	Takahashi et al			
りと	iM	US- 6639844	Oct. 1, 2003	Liu et al.			
DV	iN	US- 6618290	Sept. 1, 2003	Wang et al.			
DN	10	US- 6594181	Sept. 1, 2003	Yamada			
DN	ΙP	US- 6590811	July 1, 2003	Hamilton, et al.			
DN	IQ	US- 6574139	June 1, 2003	Kurihara			
Ma	IR	US- 6567312	May 1, 2003	Toril et al.			
PN	IS	US- 6567303	May 1, 2003	Hamilton, et al.			
DN	IT	US 2004/0027858	Feb. 1, 2004	Takahashi et al.			
PM	ΙU	US 2004/0013000	01-01-2004	Torii			
DN	IV	US 2004/0012993	01-01-2004	Kurihara ,			
DN	ſW	US 2003/0227796	01-12 -2003	Miki et al. /2///			
DN	IX	US 2003/0218913	01-14-2003	Le et al. 6 1/27			

	FOREIGN PATENT DOCUMENTS							
		Foreign Patent Document	Publication	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant Passages			
Examiner Initials*	Cite, No.	Country Code "Number*Kind Code [®] (if Anown)	MM-DD-YYYY	Of Cited Document	or Relevant Figures Appear	7°		
		1						

Signature	_/	VI	1			onsidered	9/13	100
year of this form or www.usplo.ppy or copy of the reign o	with next comm MPEP 901,04, of the Emperor	munication to Enter Offic must proced	applicant, Applicant to that issued the docu	s unique citation de: ument, by the two-loi I the patent docume	signation numb ittor code (WIP) int. ³ Kind of d	er (optional). 3 D Standard ST.3 locument by the	citation if not in conformance See attached Kinds Codes of I. * For Japanese patent documentary appropriate symbols as indica	U.S. Patent Documents as iments, the indication of the

Date

9/13/06

Examiner

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the moods of the including case. Any comments on the emount of time you are required to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO; Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

all 10-6-09

PTO/SB/08A (07-05)

Approved for use through 07/31/2008. OMB 0551-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
work Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

TA TRAD

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/537,857 Filing Date 03-Apr-2005 First Named Inventor SHAPPIR, Assaf **Group Art Unit Examiner Name**

Sheet 6 P-6715-US of 15 Attorney Docket Number

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	Document Number Number-Kind Code ² (it known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
DN	FC	US- 6426898	July 30-2002	Minnea , et al.				
PM	FD	US- 6452438	Sept 17, 2002	Li				
DN	FE	US- 6359501	March 19, 2002	Lin et al.				
OH	FF	US- 6353356	March 5, 2002	Liu				
DN	FG	US- 6297974	October 2, 2001	Ganesan et al.				
DN	FH	US- 6208200	March 27, 2001	Arakawa				
DN	FI	US- 6198342	March 6, 2001	Kawai				
DN	FJ	US- 6130574	Oct. 10, 2000	Bloch et al.				
DN	FK	US- 5081371	Jan. 14, 1992	Wong				
DN	FL	US- 6064251	May 16, 2000	Park , ,				
DN	FM	US- 6,677,805	Oct. 10-2002	Shor et al. 0/13/12004				
DIN	FN	US 2003/0142544	July-31-2003	Maayan et al.				
DN	FO	US- 6469935	Oct. 22-2002	Hayashi				
DN	FP	US- 5933367	Aug. 3-1999	Matsuo, et al.				
DN	FQ	US- 6584017	June 24, 2003	Maayan , et al.				
20	FR	US- 6665769	Dec-16-2003	Cohen, et al.				
DN	FS	US 2003/0072192	April 17, 2003	Bloom et al.				
DN	FT	US- 5999444	Dec 1, 1999	Fujiwara et al				
DN.	FU	US-5808506	Sept. 15, 1998	Tran				
mN	FV	US-6433624	Aug. 13, 2002	Grossnikle, et al.				

		FUREIGI	PATENT DO	JCUMEN 15		
		Foreign Patent Document	Publication	Name of Patentee or Applicant	Pages, Columns, Lines,	
Examiner Initials*	Cite No. '	Country Code "Number" (Cind Code" (if known)	Date MM-DD-YYYY	Of Cited Document	Where Relevant Passages or Relevant Figures Appear	7°

Signature Date Considered 9 / 13 / 0.6	6

EXAMINER: billal if reforence considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered, broaded copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). *See stracted lifted Codes of U.S. Petent Documents at <a href="https://documents.org/lifeta/mpeter-applicant-app

This coloction of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.1.4. This collection is estimated to take 2 hours to complete including gathering, propering, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the included case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

you need assistance in completing this form, call 1-800-PTO-9199 (1800-788-9199) and select option 2.

UG 10-6-09

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Pategwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

*	Substitute for form 49/PTO	Complete if Known			
OF TARRACTION OF THE PARTY OF T		Application Number	10/537,857		
INF	FORMATION DISCLOSURE	Filing Date	03-Apr-2005		
	ATEMENT BY APPLICANT	First Named Inventor	SHAPPIR, Assaf		
	(Use as many sheets as necessary)	Group Art Unit			
		Examiner Name			
Sheet	2 of 15	Attorney Docket Number	P-6715-US		

		· U.	S. PATENT D	OCUMENTS		
		Document Number	Publication Date	Name of Patentee or Applicant	Pages, Columns, Lines, Where	
Examiner Initials*	Cite No. 1	Number-Kind Code ² (il known)	MM-DD-YYYY	of Cited Document	Relevant Passages or Relevant Figures Appear	
DN	BE	US- 4527257	Jul. 2, 1985	Cricchi		
IDN	8F	US- 4667217	May 19-1987	Janning		
on	BG	US- 5636288	Jun. 3, 1997	Bonneville et al.		
DN	ВН	US- 6715193	Feb. 3, 1998	Norman		
ON	BI	US- 5768193	Jun. 16, 1998	Lee et al.		1 VI
ON	BJ	US- 5784314	Jul. 21, 1998	Sall et al.		10-6-09
ON	вк	US- 5812456	Sep. 22, 1998	Hull et al.		100
MA	BL	US- 5812449	Sep. 22, 1998	Song		10-6-09
BN	ВМ	US- 5828601	Oct. 27, 1998	Hollmer et al.		/ /
DW	BN	US- 5886927	Mar. 23, 1999	Takeuchi		
Mal	BO	US- 5892710	Apr. 6, 1999	Fazio et al.		ţ
ON	BP	US- 5903031 MA	Met 11, 1999	Yamada et al.		İ
DV.		US- 5946258	Aug. 31, 1999	Evertt et al.		Ì
DN		US- 5969993	Oct. 19, 1999	Takeshima		j
br	BS	US- 6034896	Mar. 7, 2000	Ranaweera et al.		
m	ВТ	US- 6097639	Aug. 1, 2000	Choi et al.		İ
DN	BU	US- 6108241	Aug. 22, 2000	Chevallier]
bN	BV	US- 6157570	Dec. 5, 2000	Nachumovsky		1
ON	BW	US- 6169691	Jan. 2, 2001	Pasotti et al.]
PN	Вх	US- 5241497	Aug. 31, 1993	Komarek		

		FOREIG	N PATENT D	OCUMENTS		
Examiner Initials*	Cite, No.	Foreign Patent Document	Publication	Name of Patentee or Applicant	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Country Code *Number*Kind Code* (if known)	Date MM-DD-YYYY	Of Cited Document		۳٥
Par	BY	WO 03/088260	Oct. 23, 2003	Advanced Micro Devices Inc.		
DN,	BZ	WO 03/088259	Oct. 23, 2003	Advanced Micro Devices Inc.		
DN	CA	WO 03/088258	Oct. 23, 2003	Advanced Micro Devices Inc.		
DN)	СВ	WO 03/079370	Sept. 25, 2003	Advanced Micro Devices Inc.		
DN	CC	WO 03/063168	July 31, 2003	Advanced Micro Devices Inc.		
₽√	CD	WO 03/063167	July 31, 2003	Advanced Micro Devices Inc.		
DN.	CE	WO 03/036651	May 1, 2003	Advanced Micro Devices Inc. & Fujitsu Ltd.		
DN	CF	WO 02/43073	May 30, 2002	Advanced Micro Devices Inc.		
PN	CG	WO 01/65566	Sept. 7, 2001	ADVANCED MICRO DEVICES,		

Examiner Date G1/2/06			<u>A</u>	
Signature Considered / [13 08	Examiner Signature	Mx	Date Considered	9/13/06

*EXAMINER: Initial if reference considered, whother or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered, include copy of this form with reax communication to applicant. Applicant's unique citation designation number (optionet). See attached Kinds Codes of U.S. Patent Documents at https://www.istos.og/ or MPEP 901.04. Enter Office that issued the document, by the two-latter code (WPO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.1.4. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the competed application form to the USPTO. Time will vary deponding upon the needs of the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing rips burden should be sent to the Chief Information Officer, N. Petent end Trademark Coffice, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.